



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

September 28, 2011

Mr. Ed Peresie  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: James W. Hagedorn (3AT23)

Mr. Steve Hepler  
Department of Environmental Protection  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745

Department of Justice  
Environmental and Natural Resource Division  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 11-0281  
ACHD Reference Number: 14157  
600 Carbonate Plant  
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

James F. Dudek  
Plant Manager  
Clairton Works

**NOTICE OF OUTAGE OF EQUIPMENT**  
**ARTICLE XXI - SECTION 2108.1**

1. **USS Reference Number:** 11-0281  
**ACHD Reference Number:** 14157
2. **Date & Time of Breakdown:** Date: 09/27/11 Time: 0945 hours
3. **Company Name:** U.S. Steel Corporation - USS Clairton Works
4. **Specific Equipment Involved or Affected:** 600 Carbonate Plant
5. **BAPC Permit Number (if applicable):**
6. **Location:** Clairton, PA
7. **Nature and cause of breakdown:** The 600 Carbonate Plant was unavailable for service to perform maintenance which included the flushing of the absorber and stripper columns.

The 600 Carbonate Unit is a redundant piece of equipment. Gas processing for sulfur removal was handled by the 100 Carbonate Unit. Sulfur Plant performance was not affected. Sulfur emissions will not increase.

8. **Identification of Emissions:**

- A. **Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)**  
The 100 Carbonate Plant carried the full acid gas flow to the plant. No environmental impact is expected.
- B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** N/A No environmental impact is expected.
- C. **Amount of each type emitted (or likely to be emitted).**  
N/A

9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**  
The 100 Carbonate Plant carried the full acid gas flow to the plant.

10. **Facility back in operation -** Date: 09/27/11 Time: 1830 hours

Signature Coleen M. Davis Date 9-28-11  
Coleen M. Davis

Senior Environmental Control Engineer Phone: 412-233-1015